

**WHAT IS CLAIMED IS:**

1. An electrical device comprising:  
a conductor in which a plurality of plate portions are connected to each other at portions thereof; and  
at least two coils on which said conductor is wound.
2. The device according to claim 1, wherein a connecting portion of said plate portions is utilized as a tap of said coils.
3. The device according to claim 1, wherein a connecting portion of said plate portions is utilized as a center tap of a transformer.
4. The device according to claim 1, wherein said plate portions to be connected to each other are arranged point-symmetrically about a connecting portion thereof.
5. The device according to claim 1, wherein each of said plate portions has a laminated structure of a conductor and insulator.
6. The device according to claim 1, wherein each of said plate portions has at least one electrode at a position thereof corresponding to an end of a corresponding one of said coils.
- 25 7. The device according to claim 1, wherein each of said plate portions has at least one electrode at a position thereof corresponding to a vicinity of a

center of said coils.

8. The device according to claim 1, wherein each of said plate portions has at least one electrode at a position thereof corresponding to an end of a  
5 corresponding one of said coils and a vicinity of a center of said coils.

9. A method of producing an electrical device, said method comprising steps of:

10 forming a conductor in which a plurality of plate portions are connected to each other at portions thereof; and

forming at least two coils by winding the conductor.